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ICS 73.060
CCS D42

YS

NONFERROUS METALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YS/T 472.5-2005

Methods for chemical analysis of nickel concentrates and cobalt sulfide concentrates. Determination of arsenic content. Hydride generation-atomic fluorescence spectrometry

镍精矿、钴硫精矿化学分析方法 砷量的测定 氢化物发生原子荧光光谱法

(English Translation)

Issued on: May 18, 2005 **Implemented on: December 1, 2005**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YS/T 472.5-2005 was issued by Ministry of Industry and Information Technology on 18 May 2005 and has been in force since 1 December 2005.

It is one of 5 parts of the YS/T 472 series.

The YS/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

This standard specifies the nickel concentrates, cobalt sulfide concentrates Determination of arsenic content. This standard applies to nickel concentrates, cobalt sulfide concentrates Determination of arsenic content. Measuring range: 0. 010 % 1. 00%.

YS/T 472.5-2005 falls under ICS 73.060, in the field of mining and minerals.

This catalogue holds 140 other YS/T standards in that field.

In this catalogue, YS/T standards carry edition years from 1985 to 2026.

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3 About this standard

Sector: Nonferrous Metallurgy Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 8 pages (approximate)

Chinese original: about 5,514 characters

4 Related standards

Other parts of this standard:

YS/T 472.1-2005 - Methods for chemical analysis of nickel concentrates and cobalt sulfide concentrates. Determination of cadmium content. Flame atomic absorption spectrometry

YS/T 472.2-2005 - Methods for chemical analysis of nickel concentrates and cobalt sulfide concentrates. Determination of chromium content. Flame atomic absorption spectrometry

YS/T 472.3-2005 - Methods for chemical analysis of nickel concentrates and cobalt sulfide concentrates. Determination of mercury content. Hydride generation-atomic fluorescence spectrometry

YS/T 472.4-2005 - Methods for chemical analysis of nickel concentrates and cobalt sulfide concentrates. Determination of lead content. Flame atomic absorption spectrometry

Standards on related subjects:

YS/T 575.19-2021 - Methods for chemical analysis of bauxite - Part 19: Determination of loss on ignition - Gravimetric method

SN/T 3510-2013 - Determination of arsenic, cadmium, copper, nickel, lead, zinc in lead ore for import and export. Inductively coupled plasma atomic emission spectrometric method

GB/T 8152.10-2006 - Methods for chemical analysis of lead concentrates -- Determination of silver and gold content -- Fire assay and flame atomic absorption spectrometric method using scorification or cupellation

YS/T 319-2023 - Lead concentrate

YS/T 318-2023 - Copper concentrate

YS/T 452-2013 - Lead and zinc bulk concentrate

5 Classification and status

International classification (ICS): 73.060

Chinese Standard Classification (CCS): D 42

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Prefix YS/T: recommended standard.

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